



## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. LMRX-P029/P1180

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND APPARATUS FOR THE OPTIMIZATION OF PHOTO RESIST ETCHING IN A PLASMA PROCESSING SYSTEM**, the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on December 16, 2003 as  
U.S. Application No. \_\_\_\_\_  
and was amended on N/A.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

### Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ____ No ____
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ____ No ____

### Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

**Power of Attorney**

And I hereby appoint the attorney(s) and agent(s) associated with customer No. 32986 as my principal attorney(s) or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer No. 32986**

**IPSG, P.C.**

**P.O. Box 700640**

**San Jose, CA 95170-0640**

**Direct Telephone Calls To:**

**Joseph Nguyen at 408-257-5500**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor:

Yu CHENG

Citizenship:

China

Inventor's signature:



Date of Signature:

Feb. 18, 2004

Residence: (City)

Fremont

(State/Country)

CA/USA

Post Office Address:

41623 Carol Terrace, Fremont, California 94538

Second Inventor:

Helen ZHU

Citizenship:

US

Inventor's signature:



Date of Signature:

2-19-04

Residence: (City)

Fremont

(State/Country)

CA/US

Post Office Address:

300 Tiffany Terrace, Fremont, California 94536

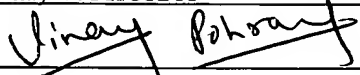
Third Inventor:

Vinay V. PHORAY

Citizenship:

India

Inventor's signature:



Date of Signature:

02/19/04

Residence: (City)


Fremont

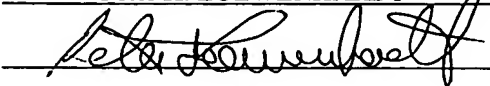
(State/Country)

CA/US

Post Office Address:

41061 Valero Drive, Fremont, California 94539

Third Inventor: Hanzhong XIAO Citizenship: US  
Inventor's signature:  Date of Signature: 3/01/2004  
Residence: (City) Pleasanton (State/Country) CA/US  
Post Office Address: 3576 Florian Street, Pleasanton, California 94588

Third Inventor: Peter K. LOEWENHARDT Citizenship: Canada  
Inventor's signature:  Date of Signature: 02/23/2004  
Residence: (City) Pleasanton (State/Country) CA/US  
Post Office Address: 5602 Selena Court, Pleasanton, California 94588